

Project Subject/Title: Willow Flowage Aspen thinning

TRS: T37N R5E Sec.10,11

County: Oneida

Contact Person: Tom Shockley, 715-358-9259

Type of Prescription: Thinning

Year initiated: 2001

Abstract/Prescription:

An aspen thinning was established in 2001 in a 35 ac. stand. The stand was commercially thinned to 50 square feet basal area/ac. The objective is to produce aspen sawtimber. Approximately 20 immature dominant aspen/acre (compound coppice) were retained and left to grow to economic maturity. Slash was kept to 2 feet on the ground. Harvest occurred in frozen ground conditions to prevent damage/compaction. Harvest occurred on winter 2001 (partial) and loggers pulled out will return Fall '03.

Results:

- Ongoing monitoring
- Loggers did a good job at site (a few trees scuffed up)

Discussion/Recommendations:

- No pole skidding
- Minimize damage to residual trees
- Do not compact or rut soil so not to impact the tree roots
- Apply to aspen stands on ATM habitat type since tree productivity/growth is better.
- Suggestion to combine this type of harvest with others in a larger sale in order to make a timber sale more appealing to the logger.
- Recommend to whole tree chip.
- Access strip installed at least 15 foot wide.

Site statistics:

HT = ParV-ParVAa

SI=70

Soils=Keweenaw sandy loams

Estimated Volume=675 cords Aspen=\$7.05/cd to a 3"top diameter

Logger used Fabtec processor and forwarder = 12-15/8 hours

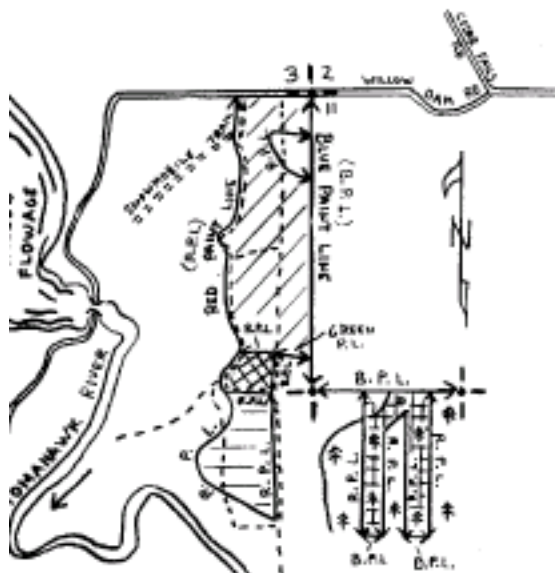
Logger had to weave in and out of sale = access strips important

Cut in Feb.-March with frozen conditions.





See document enclosed

WISCONSIN
DEPARTMENT OF NATURAL RESOURCES
TIMBER SALE
TRACT NO. 920-01
DAM ASPEN THINNING
T37N-R5E-SECTION 10, 11

Harvest Area - 62 Acres



CUTTING REGULATIONS

-  - **ASPEN THINNING AREA**: A talk with the DNR forester is required prior to cutting. Cut equipment lanes **no wider than 10 feet** centered on yellow paint lines that are spaced at 50-foot intervals. Poleskidding is not allowed in this area. Thin aspen between travel lanes **LEAVING BIG TREES SPACED 10 FEET APART**. Keep equipment on lanes, pulling slash to lanes to use as a travel mat.
-  - **ASPEN REGENERATION AREA**: Cut all trees except pine, spruce and oak
-  - **COMPOUND COPPICE AREA**: Cut all trees except pine, spruce and oak. Do not cut or damage aspen marked **GREEN**. Winter log
-  - **SPRUCE REGENERATION AREA**: Cut all trees except cedar and pine. Pull slash out of cut strips or compact into peat.
- Harvest activity is permitted from November 15 to March 15 only.
- Utilization is a 100" stick to a 3" top in the Harvest Area.